



4 November 2003

## **INFORMATION PAPER**

**SUBJECT:** Repair of Four Flood Control Projects, Hawaii, Hawaii

1. Purpose: To provide information on the subject project.

2. Points of Major Interest and Facts.

a. The design phase of the four projects was completed in late February 2002. The construction contract was awarded to Superior Gunitite of California for \$3,766,121. Construction is expected to be complete in late 2003.

b. On 2 to 3 November 2000, floods damaged four flood control projects on the Island of Hawaii: one locally constructed (Waiakea Uka) and three U.S. Army Corps of Engineers (USACE) -constructed (Alenaio, Wailoa and Pa'auau) projects. Repairs are being authorized and funded under Public Law 84-99. The existing USACE projects prevented estimated damages of approximately \$20M.

c. The Preliminary Investigation Reports were completed December 2000 and, after several revisions, were approved in August 2001. The four projects were combined into one construction contract.

d. The local sponsor, the County of Hawaii, strongly endorses this effort and has contributed \$254,623 as their share of the construction cost (for only Waiakea Uka Stream).

e. Status: Construction has been delayed due to late issuance of National Pollutant Discharge Elimination System (NPDES) permits. The last permit, for both the Wailoa and Waiakea projects was issued on 10 July 2003. With the issuance of the permit, work began on the Waiakea and Wailoa projects on 16 July 2003. Construction work on Pa'auau was completed in early June with final inspection conducted on 24 July 2003. Work on Alenaio began in June and was completed in August. Construction completion of the Wailoa/Waiakea Stream repair is expected to be in November 2003. Several modifications are pending on these two projects, one of which (for \$792k) relates to NPDES delays.

3. Congressional Interest. Senator Akaka is interested in the USACE's progress on these projects.